

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
6 October 2005 (06.10.2005)

PCT

(10) International Publication Number
WO 2005/091891 A2

(51) International Patent Classification: Not classified

(21) International Application Number:
PCT/US2005/006300

(22) International Filing Date: 25 February 2005 (25.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/799,540 11 March 2004 (11.03.2004) US
10/799,867 12 March 2004 (12.03.2004) US
10/810,391 26 March 2004 (26.03.2004) US

(71) Applicant (for all designated States except US):
DERMION INC [US/US]; 3000 Sand Hill Road,
Building 4, Suite 210, Menlo Park, CA 94025 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **DAVID, Nathaniel, E.**
[US/US]; 85 Natoma, #3, San Francisco, CA 94105 (US).

(74) Agents: **SKUBATCH, Maya** et al.; Wilson Sonsini
Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA
94306-1050 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

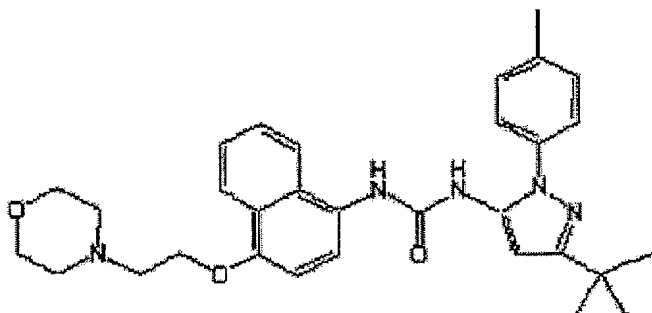
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: COMPOSITIONS AND METHODS FOR PREVENTING AND TREATING SKIN AND HAIR CONDITIONS



(57) **Abstract:** The present invention discloses compositions and methods for the prevention and treatment of skin and hair diseases, such as, for example, alopecia, psoriasis, and keloids. The present invention also relates to compositions and methods for altering skin coloration. The present invention also relates to methods for enhancing the effect of a neurotoxin.



WO 2005/091891 A2